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Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

## UTILITY PATENT APPLICATION TRANSMITTAL

(For new Non-provisional applications under 37 CFR 1.53(b))



Attorney Docket No.: SEM4492P0771US  
First Named Inventor: GRAHAM, Graham, W.  
Express Mail Label No. EL437008533US

Box PATENT APPLICATION  
Assistant Commissioner For Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is a new utility patent application of inventors: Lyndon W. Graham, Curt W. Jacobson, and Thomas L. Ritzdorf, and entitled: METHOD, CHEMISTRY, AND APPARATUS FOR NOBLE METAL ELECTROPLATING ON A MICROELECTRONIC WORKPIECE.

### Application Elements:

1.  Specification containing 80 pages (preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross-reference to related applications (if applicable)
  - Statement regarding Federally-sponsored Research & Development (if applicable)
  - Reference to Microfiche Appendix (if applicable);
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
2.  Drawings: 25 Sheets of  formal drawings  informal drawings
3.  Oath or Declaration
  - a.  An executed declaration or oath for the utility patent application including a power of attorney;
  - b.  An unexecuted declaration or oath for the utility patent application including a power of attorney;
  - c.  Copy from a prior application (37 CFR 1.63(d), for continuation with No. 16 completed. [Note No. 4 below.]).
    - i.  Signed statement attached deleting inventor(s) named in the prior application (see 37 CFR 1.63(d)(2) and 1.33(b)).
4.  Incorporation by Reference (useable if Box 3c is checked) - The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 3b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.



5.  Microfiche Computer Program (Appendix)

6.  Nucleotide and/or Amino Acid Sequence submission. including:  
 Computer readable copy,  
 Paper copy (identical to computer copy),  
 Statement verifying identity of above copies.

### Accompanying Application Parts:

7.  Assignment Papers (cover sheet, document(s) and requisite fee).
8.  37 CFR 3.73(b) Statement (where there is an assignee)  
 Power of Attorney
9.  English Translation document (if applicable)
10.  Information Disclosure Statement (IDS), including PTO-1449  
 Copies of IDS Citations
11.  Preliminary Amendment
12.  Return Postcard for PTO Mail Room Date Stamp.
13.  Small Entity Statement(s)  
 Statement filed in prior application, status still proper and desired.
14.  Certified Copy of Priority Document(s) (if foreign priority is claimed).
15.  Other \_\_\_\_\_
16.  If Continuing Application, check appropriate box and supply the requisite information:  
 Continuation     Divisional     Continuation-in-part (CIP) of prior application No. \_\_\_\_\_, filed \_\_\_\_\_

### Fee Calculation

The filing fee has been calculated as shown below:

Small Entity						Large Entity	
For	No. Filed	No. Allowed	No. Extra	Rate	Fee	Rate	Fee
<b>Basic Fee</b>					\$380.00		
Total Claims	43	- 20 =	23	x \$9.00	\$		\$760.00
Indep. Claims	2	- 3 =	4	x \$39.00	\$	x \$18.00	\$414.00
Multiple Dependent Claims Present				+ \$130.00	\$	x \$78.00	\$312.00
				<b>TOTAL</b>	<b>\$</b>	+ \$260.00	\$
						<b>TOTAL</b>	<b>\$1,486.00</b>

17.  No check is submitted with this filing, and we do not want the filing fee charged to our Deposit Account.

18.  Please charge my Deposit Account No. 04-1644 in the amount of \$\_\_\_\_\_.

19.  The Commissioner is authorized to charge payment of the following amounts associated with this communication or credit any overpayment to Deposit Account No. 04-1644:

Additional filing fees under 37 CFR 1.16 or deficiencies in remittances therefor.

Additional processing fees under 37 CFR 1.17 or deficiencies in remittances therefor.

**ONLY if applicant has partially paid** the patent issue fee under 37 C.F.R. §1.18, then the **deficiency** shall be charged to Deposit Account No. 04-1644, and the Commissioner is authorized to so charge the Deposit Account.

Date: October 28, 1999

Attorney's Signature

  
Robert B. Polit, Reg. No. 33,993

**Correspondence Address:**

ROCKEY, MILNAMOW & KATZ, LTD.  
Two Prudential Plaza  
180 North Stetson Avenue, Suite 4700  
Chicago, Illinois 60601  
Telephone: (312) 616-5400  
Facsimile: (312) 616-5460

663207-9916660

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that this Utility Patent Application Transmittal, enclosed application, and any other documents referred to as enclosed herein, are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and addressed to Box PATENT APPLICATION, Assistant Commissioner for Patents, Washington, D.C. 20231.

Express Mail Label No.: EL437008533US

Date of Deposit: October 28, 1999

Typed/Printed Name of Person Signing: Clarence Townsend

Signature: Clarence Townsend